

**CLAIMS**

1. Method for accessing Internet resources provided by at least a content server in a data transmission system including a proxy connected to the Internet network, said proxy being adapted to perform form-based authentication of a user when receiving a user request for Internet resources therefrom, and wherein said proxy transmits the user request to said content server which sends back a response to the proxy;  
said method comprising the following steps:
  - transmission from said proxy to a Single Sign On (SSO) Server of said user request together with credentials associated with said user,
  - filling by said SSO server of a login form obtained from said content server, said form being filled using said credentials,
  - transmission by said content server to said SSO server of a response to said user request after receiving the filled login form from said SSO server, said response being then sent back to said proxy and,
  - transmission by said proxy of the requested information to said user, said information being contained in said response.
2. Method according to claim 1, wherein said SSO server has at its disposal a configuration file for obtaining and filling said login form, said configuration file providing information about said content server.
3. Method according to claim 2, wherein the configuration file includes information including at least one of an URL of a login page, a location of said login page, a name of an input

field used for "username" and a name of an input field used for "password."

4. Method according to claim 2, wherein said response from said content server sent back to said proxy includes at least one cookie specific to said content server.

5. Method according to claim 1, further comprising an initial step of transmitting by said user a first request to said proxy invoking an external URL configured in said proxy, said proxy sending back an authentication challenge to said user in order to verify the user credentials and checking whether the user credentials correspond to a valid user.

6. Method according to claim 5, wherein subsequent requests after said user request transmitted by said user are forwarded directly from said proxy to said content server, the responses containing the requested information being transmitted directly to said proxy by said content server.

7. Data transmission system including a proxy connected to the Internet network and at least a content server to which a user can gain access through said proxy, said proxy being associated with authentication means adapted to perform form-based authentication of the user when receiving a user request for Internet resources therefrom and wherein said proxy transmits the user request to said content server which sends back a response to said proxy;

said authentication means comprising a Single Sign-On (SSO) server adapted to obtain a login form from said content server when receiving said user request from said proxy, to fill said login form using the credentials associated with said user and to send back the filled login form to said content server, so

that said content server can provide the requested information after authentication of said user.

8. Data transmission system according to claim 7, wherein said SSO server has at its disposal a configuration file for obtaining and filling said login form, said configuration file providing information about said content server such as the URL of the login page.
9. Data transmission system according to claim 8, wherein the configuration file includes information including at least one of an URL of a login page, a location of said login page, a name of an input field used for "username" and a name of an input field used for "password."
10. Data transmission system according to claim 7, wherein said SSO server is external to said proxy.
11. Data transmission system according to claim 7, wherein said SSO server is integrated within said proxy